

METHOD AND CONTROL CHANNEL FOR UPLINK SIGNALING IN A COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

In a method of transmitting control signals for uplink transmission of packet data in a communication network, control signal data related to scheduling a user for uplink transmission of packet data is transmitted over a single control channel. The single control channel may be configured based on the transmission mode the user is in for scheduling an uplink transmission from the user to the network, so that only one control channel is used, regardless of the transmission mode the user is in for scheduling the user for the uplink transmission. The control channel may be embodied as a sub-frame adapted to carry control information that is dependent based on the transmission mode the user is in for scheduling an uplink transmission from the user to the network.